## **AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

## **Listing of Claims:**

- 1. (Currently Amended) A semiconductor device comprising:
- a semiconductor substrate formed with pads;
- a passivation film formed on a surface of said semiconductor substrate on a pad forming side; and

lands for connection to external terminals, said lands being formed on an insulating film formed on a surface of said passivation film opposite to said semiconductor substrate,

wherein:

said padpads and said landlands are connected by a conductive wiring linelines; and

- a projection is projections are formed on each of said landlands at a position positions where said land is lands are connected to the external terminals.
  - 2. (Currently Amended) A semiconductor device comprising:
  - a silicon substrate formed with pads;
- a passivation film formed on a surface of said silicon substrate on a pad forming side;

lands for connection to external terminals, said lands being formed on the surface of said silicon substrate on the pad forming side; and

a-wiring linelines connecting said padpads and said landlands,

## wherein:

an insulating film is formed between said passivation film and said landlands;

a projection isprojections are formed on said landlands on a surface opposite to said silicon substrate; and

said projection isprojections are connected to the external terminals.

- 3. (Currently Amended) A semiconductor device comprising:
- a semiconductor substrate formed with pads;
- a passivation film formed on a surface of said semiconductor substrate on a pad forming side;

lands for connection to external terminals, said lands being formed on the surface of said semiconductor substrate on the pad forming side; and

a-wiring linelines connecting said padpads and said landlands,

wherein said wiring line includes lines each include a first wiring line connected to one of said padpads and a second wiring line connected to one of said landlands.

- 4. (Currently Amended) A semiconductor device comprising:
- a silicon substrate formed with pads;
- a passivation film formed on a surface of said silicon substrate on a pad forming side;

lands for connection to external terminals, said lands being formed on the surface of said silicon substrate on the pad forming side; and

a-wiring linelines connecting said padpads and said landlands,

## wherein:

said wiring line includes line each include a first wiring line connected to one of said padpads and a second wiring line connected to one of said landlands;

an insulating film is formed between said passivation film and said landlands;

a projection isprojection are formed on said landlands on a surface opposite to said silicon substrate; and

said projection isprojections are connected to the external-terminal terminals.

- 5. (Currently Amended) A semiconductor device comprising:
- a semiconductor substrate formed with pads;
- a passivation film formed on a surface of said semiconductor substrate on a pad forming side;

lands for connection to external terminals, said lands being formed on the surface of said semiconductor substrate on the pad forming side;

the external terminals being connected to said landlands; and a-wiring linelines connecting said padpads and said landlands,

wherein an insulating protective film is formed on the surface of said semiconductor substrate on the pad forming side in an area other than the external terminals.

- 6. (Currently Amended) A semiconductor device comprising:
- a semiconductor substrate formed with pads;
- a passivation film formed on a surface of said semiconductor substrate on a pad forming side;
- a-conductive wiring line lines connected to the padpads on said semiconductor substrate;

lands connected to said conductive wiring linelines;

a projection projections formed on said landlands;

an external terminals connected to said projection projections;

a first protective film formed between said semiconductor substrate and said lands and being in contact with said lands; and

a second protective film having an exposed surface on an external terminal forming side.

- 7. (Currently Amended) A semiconductor device comprising:
- a silicon substrate formed with pads;
- a passivation film formed on a surface of said silicon substrate on a pad forming side;

lands for connection to external terminals, said lands being formed on the surface of said silicon substrate on the pad forming side; and

a wiring linelines connecting said padpads and said landlands,

wherein:

each of said wiring lines includes a first wiring line connected to one of said padpads and a second wiring line connected to one of said landlands;

- a first region formed with a first insulating film is formed between said passivation film and said landlands; and
- a second insulating film is formed between said passivation film and said lands, a projection is and wherein projections are formed on said landlands on a surface opposite to said silicon substrate, and the projection is projections are connected to the external terminals.
- 8. (Original) A semiconductor device according to claim 6, wherein the second protective film is made of material having an elastic modulus lower than the first protective film.

9. (Currently Amended) A semiconductor device according to any one of claims 1, 2, 4, 6, 7 and 8, wherein the projection is projections are positioned in a projected area areas of said land lands.

- 10. (Currently Amended) A semiconductor device according to any one of claims 1, 2, 4, 6, 7 and 8, wherein the external terminals and the projection are respectively each bonded via a metal thin film formed on a surface of the projection.
- 11. (Currently Amended) A semiconductor device according to any one of claims 1 to 10, wherein[[,]] in a semiconductor module having the semiconductor device mounted on a printed circuit board via the external terminals, a bonding area between a bonding pad of the printed circuit board and one of the external terminals is set larger than a bonding area between one of the projection projections and said one of the external terminals in a direction of disposing the external terminals.
- 12. (Currently Amended) A semiconductor device according to any one of claims 1 to 10, wherein[[,]] in a semiconductor module having the semiconductor device mounted on a printed circuit board via the external terminals, an area near a bonding area between a bonding pad of the printed circuit board and one of the external terminals is covered with resin.
- 13. (New) A semiconductor device according to claim 1 or 2, wherein said projections each include a first portion which extends into a corresponding one of said external terminals and a second portions located between a corresponding one of said lands and said first portion.

14. (New) A semiconductor device according to claim 13, wherein each of said first portions of said projections has substantially the same width as a corresponding one of said second portions of said projections.

- 15. (New) A semiconductor device according to claim 13, wherein each of said first portions is wider than a corresponding one of said second portions.
- 16. (New) A semiconductor device according to claim 15, wherein said insulating film extends into an area between said wider first portions and said corresponding lands.